

95902429.0

(010)

0728339

European Patent
OfficeSUPPLEMENTARY
EUROPEAN SEARCH REPORTApplication Number
EP 95 90 2429

DOCUMENTS CONSIDERED TO BE RELEVANT			
Category	Citation of document with indication, where appropriate, of relevant passages	Relevant to claim	CLASSIFICATION OF THE APPLICATION (Int.Cl.6)
X	MULTIMEDIA COMMUNICATIONS. FORGING THE LINK: MARKET-TECHNOLOGY-POLICY. PROCEEDINGS OF THE MULTIMEDIA COMMUNICATIONS '93 CONFERENCE, PROCEEDINGS OF MULTIMEDIA COMMUNICATIONS '93, BANFF, ALTA., CANADA, 13-16 APRIL 1993, 1993, AMSTERDAM, NETHERLANDS, IOS PRESS, NETHERLANDS, pages 287-296, XP000646071 KARMOUCH A: "A multimedia information and communications system: MEDIABASE" * abstract * * page 288, column 1, line 14 - page 289, column 1, line 16 * * page 290, column 1, line 14 - page 292, column 1, line 21 *	1-10	G06F17/60 G06F17/30 H04L29/06
Y	US 4 799 156 A (SHAVIT EYAL ET AL) 17 January 1989 * column 1 - column 2; claims 1-12 *	1-10	
Y	US 5 032 989 A (TORNETTA MARK A) 16 July 1991 * column 1 - column 6; figure 2 *	1-10	TECHNICAL FIELDS SEARCHED (Int.Cl.6) G06F H04L
A	US 5 191 410 A (MCCALLEY KARL W ET AL) 2 March 1993 * column 1 - column 7; figures 2,3 *	1-10	
X	US 5 235 680 A (BIJNAGTE LEENDERT M) 10 August 1993 * column 1 - column 5; figure 1 *	1-10	
The supplementary search report has been drawn up for the claims attached hereto.			
Place of search THE HAGUE		Date of completion of the search 19 March 1997	Examiner Katerbau, R
CATEGORY OF CITED DOCUMENTS X: particularly relevant if taken alone Y: particularly relevant if combined with another document of the same category A: technological background O: non-written disclosure P: intermediate document T: theory or principle underlying the invention E: earlier patent document, but published on, or after the filing date D: document cited in the application L: document cited for other reasons A: member of the same patent family, corresponding document			

EPO FORM 150 (01/97) (P0404)

CLAIMS

1. An information processing system containing file server means for serving files, said file server means having i/o means for receiving and transmitting data, and database storage means for storing information in database files, for acquiring and displaying real estate information by:

- a) receiving real estate related information;
- b) storing digitized real estate data and related information as information records in said database storage means of said file server means in a manner in which data can be selectively accessed;
- c) accessing data files by said first and users, said accessing data files by said first and users being a plurality of inquiries from individual first and users, said and user inquiries being the retrieving and viewing of text and/or graphic data from a database;
- d) in response to said accessing of data files by said first and users, receiving at said file server electronic first and user information from a first and user relating to said first and user's real estate needs;
- e) selectively providing digital electronic information of portions of said real estate data based on said first and user inquiries;
- f) generating a demographics information database by compiling and merging a plurality of first and user inquiries and storing said compiled and merged inquiries; and
- g) providing a second and user with said demographic information, said demographics information corresponding to the specific text and graphic data selected from said database files by said first and users.

2. The system of claim 1, where each of said text and graphic data in said database files is assigned a code, and wherein said generating a demographics information database comprises compiling, merging and storing the codes for the text and graphic data viewed by said first and user.

3. An information processing system for acquiring and displaying property related information, said information processing system containing media means for receiving analog and digitized data and transmitting digitized data; file server means for receiving data from said media means, receiving data inquiries and transmitting data in response to said data inquiries; databases and database storage means for sorting, storing and retrieving information received, by:

- a) receiving property related information at said media means;
- b) transmitting said property related information in appropriate format to said file server means;
- c) said file server means analyzing said property related information and storing said property related information in related database storage means,

- d) said file server means receiving an information request from multiple end users relating to the end users' information needs, the extent of information available to said end users being determined by said users' access code;
 - e) selectively providing computerized information in response to said end users' information requests, said end users' information requests being a plurality of inquiries from individual first and users, said end user inquiries being the retrieving and viewing of text and/or graphic data from a database; and
 - f) generating and updating a demographics pattern database by compiling and merging a plurality of first end user inquiries and storing said compiled and merged inquiries.
4. The system of claim 3, further comprising the steps of
- g) receiving an information request from an agent relating to the agent's information needs, each agent having an access code, the extent of information available to said agent being determined by said agent's access code;
 - h) selectively providing said information in response to said agent's information request;
 - i) said agent's information requests being a plurality of inquiries from a plurality of individual agents, said end user inquiries being the retrieving and viewing of text and/or graphic data from a database;
 - j) generating and updating further said demographics pattern database information by compiling and merging a plurality of agents' inquiries and storing said compiled and merged inquiries in a demographics database, and
- wherein each time said server is accessed, data obtained through said access analysis is stored in the appropriate databases as demographic information, thereby continually updating and increasing the available demographics information within the databases.
5. A system of tracking real estate and real estate related demographic information using a computer network system comprising:
- a media unit, said media unit having:
 - a multimedia computer;
 - a digitizer, said digitizer receiving information from outside said network system and within said multimedia computer;
 - i/o means;
 - a server's unit, said server's unit having:
 - a computer, said computer having storage capabilities;
 - communication means, said communication means enabling said server to interact with remote terminals;
 - a plurality of databases, at least one of said plurality of databases being an automatically updated demographic pattern database, said demographics pattern database being updated automatically by analyzing database information requests,

said database information requests being a plurality of inquiries from a plurality of individual remote terminals, said remote terminal inquiries being the retrieving and viewing of text and/or graphic data from a database; demographic database updating means, said updating means automatically updating said demographics pattern database by compiling and merging a plurality of end user inquiries and storing said compiled and merged inquiries in said demographics pattern database.

6. The system of tracking real estate and real estate related of claim 5, further comprising
access software, said access software having access codes, said access codes corresponding to each of said databases;
the first of said remote terminals being an agent's unit, said agent's unit having:

a computer, said computer having display means;
i/o means, said i/o means being in communication with said computer; and
storage capabilities;

the second of said remote terminals being a subscriber's unit, said subscriber's unit having:

converter means;
storage capabilities;
a viewing screen; and
i/o means;

the third of said remote terminals being an end user's unit, said end user's unit having:

converter means;
storage capabilities;
a viewing screen; and
i/o means;

wherein information is received by said multimedia computer from multiple sources, analyzed, edited and transmitted to said server's unit for storage in the appropriate databases,

activation of said subscriber's unit causes a specific request sequence to issue, thereby controlling the information provided to said subscriber, said subscriber's response to said specific request sequence providing information to said network for entry into appropriate databases, thereby constantly updating the databases,

activation of said agent's unit causes a specific request sequence to issue, thereby controlling the information provided to said agent, said agent's response to said specific request sequence providing information to the network for entry into appropriate databases, thereby constantly updating the databases, and

activation of said end user's unit causes a specific request sequence to issue, thereby controlling the information provided to said end user, said end user's response to said specific request sequence providing information to the network for entry into appropriate databases, thereby continuously updating said databases.

7. The system of tracking real estate and real estate related

information of claim 6, further comprising means for storing advertising information,
said end user's unit and said agent's unit being configured to select from, receive, and display said advertising information for display on a terminal,

said server's unit including means for generating demographic data from inquiries for advertising information, storing said demographic data in said demographic pattern database, and means for retrieving demographic patterns from said demographic pattern database generated from inquiries for advertising information.

8. The system of tracking real estate and real estate related information of claim 7, further comprising means for storing financial information,
said end user's unit and said agent's unit being configured to select from, receive, and display said financial information for display on a terminal,

said server's unit including means for generating demographic data from inquiries for financial information, storing said demographic data in said demographic pattern database, and means for retrieving demographic patterns from said demographic pattern database generated from inquiries for financial information.

9. The system of tracking real estate and real estate related information of claim 6, further comprising means for storing advertising and financial information, said end user's unit and said agent's unit being configured to select from, receive, and display said advertising and financial information for display on a remote terminal.

10. An information processing system containing file server means for serving files, said file server means having i/o means for receiving and transmitting data, and database storage means for storing information in database files; acquiring and displaying real property transfer information by:

- a) receiving real property related information;
- b) storing digitized real property data and related information as information records in said database storage means of said file server means in a manner in which data can be selectively accessed;
- c) accessing data files by said first end users, said accessing data files by said first end users being a plurality of inquiries from individual first and users, said end user inquiries being the retrieving and viewing of text and/or graphic data from a database;
- d) in response to said accessing of data files by said first end users, receiving at said file server electronic first end user information from a first end user relating to said first end user's real property needs;
- e) selectively providing digital electronic information of portions of said real property data based on said first end user inquiries;

- f) generating a demographics information database by compiling and merging a plurality of first end user inquiries and storing said compiled and merged inquiries; and
 - g) providing a second end user with said demographic information, said demographics information corresponding to the specific text and graphic data selected from said database files by said first end users.
-